

WHAT IS CLAIMED IS:

- Sub A<sup>2</sup> 7
1. In a computer network, a system comprising,  
a first service for providing access to data based on an associated identity of each user;  
a second service for providing access to data based on an associated identity of each

5 user; and

a communications mechanism configured to exchange information between the first service and the second service, the first service configured as a publisher of change data made by users via the first service, and the second service configured as a subscriber of the change data, the communications mechanism communicating change information of the first service to the second service including determining the role of each subscribing user and filtering the data based on each determined role.

Add A<sup>3</sup>

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